

**To:** Daly, Eric[Daly.Eric@epa.gov]  
**From:** Nwosu, Bernard  
**Sent:** Thur 11/19/2015 8:32:42 PM  
**Subject:** New York Radiation Sites - EPA Action Levels for TAL Metals/Radiological parameters removed.txt  
Site Inspection Rpt NFB FINAL Compiled.pdf

Hi Eric,

I am preparing the NFB removal assessment trip report. I am at a point where I need to report the soil analytical results. Please can you confirm how you would prefer us to present the narrative below.

“Soil laboratory analytical results for radiological parameters were compared with the EPA’s Site-Specific Action Level/Regional Screening Level (RSL)/Preliminary Remediation Goals (PRG).” - [select one option] We have use these options to describe the criteria for our comparison in the past, but we need to stick to one.

“Soil laboratory analytical results for TAL metals were compared with the EPA’s Removal Management Levels (RMLs)/Regional Screening Level (RSL)/ Preliminary Remediation Goals (PRG).” - [select one option] Currently the TAL metals results are compared with RMLs (not sure if this is actually what you want).

SAT did not present any narrative for TAL metals results in their report (attached) because there were no exceedance based on hazard ranking system, but we do not use this criteria for removal assessment.

Please see the report section under: Site Summary, second to last paragraph, details below:

“The soil samples were analyzed by TestAmerica Laboratories for Target Analyte List (TAL) metals analyses; isotopic thorium, isotopic uranium, radium-226, and radium-228 by alpha spectroscopy; and radioisotopes by gamma spectroscopy [Ref. 8, p. 2]. The slag samples were analyzed for isotopic thorium, isotopic uranium, radium-226, and radium-228 by alpha spectroscopy; and radioisotopes by gamma spectroscopy [Ref. 8,

p. 2]. Analytical results indicate concentrations of radionuclides found in the slag and soil to be significantly higher than at background conditions (i.e., greater than 2x background concentrations) [Ref. 32, pp. 1–5; 36, pp. 10–33].”

Please advise. I am looking at the following EPA website; links below:

<http://www.cleanuplevels.com/>

<http://www2.epa.gov/risk/regional-removal-management-levels-chemicals-rmls-hq1-pdfs>

Thanks you.

**Ben Nwosu**

**Weston Solutions, Inc.**

RST3/ED2

1090 King George Post Road, Suite 201

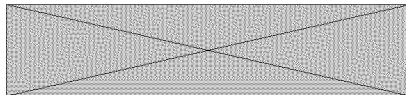
Edison, New Jersey 08837

Phone: (732) 585-4413

Cell: (908) 565-2980

Fax: (732) 225-7037

Email: [Ben.Nwosu@WestonSolutions.com](mailto:Ben.Nwosu@WestonSolutions.com)



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